

**Productname :** SERVISOL HEAT SINK  
COMPOUND NON SILICONE  
**Creationdate :** 12.01.09

**Ref.Nr.:** UK20099-3-120109  
**Replaces:** 27.10.08

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** SERVISOL HEAT SINK COMPOUND NON SILICONE  
Bulk

**Application :** Conduction electric/thermal

**Company :** CRC Industries UK Ltd.  
Castlefield Industrial Estate, Wylds Rd, Bridgwater,  
Somerset,  
UK, TA64DD  
**Tel.:** (+44)(0)1278 727200  
**Fax:** (+44)(0)1278 425644  
**E-mail :** [hse.uk@crcind.com](mailto:hse.uk@crcind.com)

**In case of emergency :** (+44)(0)1278 727200

Subsidiaries		Tel	Fax
CRC Industries Europe	Touwslagerstraat 1 9240 Zele Belgium	(+32) (0) 52 / 45 60 11	(+32) (0) 52 / 45 00 34
CRC Industries Finland	Asemanrinne 13, 08500 Lohja AS	(+358)(0)19/32921	(+358)(0)19/383676
CRC Industries France	12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex	(+33)(0)1/34112000	(+33)(0)1/34110996
CRC Industries Deutschland	Südring 9, 76473 Iffezheim	(+49)(0)7229/3030	(+49)(0)7229/303266
CRC Industries Iberia	Gremio del cuero S/N, 40195 Segovia	(+34)921/427546	(+34)921/436270
CRC Industries Sweden	Kryptogatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

## 2. HAZARD IDENTIFICATION

**Environment :** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
C7-C9 Branched alkyl esters	125643-61-0	406-040-9	0-1	N	R51/53	
zinc oxide	1314-13-2	215-222-5	60-100	N	50/53	B
<b>Explanation notes</b>						
B : substance with national established workplace exposure limit						

(\* Explanation risk-phrases : see chapter 16)



<b>Productname :</b>	SERVISOL HEAT SINK COMPOUND NON SILICONE	<b>Creationdate :</b>	12.01.09
<b>Ref.Nr.:</b>	UK20099-3-120109	<b>Replaces:</b>	27.10.08

#### 4. FIRST AID MEASURES

**General Advice :** In case of accident or if you feel unwell, seek medical advice (show the label where possible)

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water  
Seek medical attention if irritation persists

**Contact with skin :** Wash with water and soap.

**Inhalation :** Fresh air, keep warm and at rest.

**Ingestion :** Do not induce vomiting  
Seek immediate medical attention

#### 5. FIRE-FIGHTING MEASURES

**Flash point (without propellant):** 230 °C (Closed Cup)

**Explosion limits : upper limit :** not available

**lower limit :** not available

**Extinguishing media :** Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

**Fire-fighting procedures :** Keep container(s) exposed to fire cool, by spraying with water

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions :** Wear suitable gloves and eye/face protection.

**Environmental precautions :** Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

**Cleaning methods :** Absorb spillage in suitable inert material

#### 7. HANDLING AND STORAGE

**Storage procedures :** Keep out of reach of children.  
Keep only in the original container.  
Keep container tightly closed.  
Keep in a cool, dry, well ventilated place

#### 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Personal protection :** Wear suitable gloves and eye/face protection.  
Ensure adequate ventilation

**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.

**hands and skin :** Wear suitable protective gloves (nitrile)



<b>Productname :</b>	SERVISOL HEAT SINK COMPOUND NON SILICONE	<b>Creationdate :</b>	12.01.09
<b>Ref.Nr.:</b>	UK20099-3-120109	<b>Replaces:</b>	27.10.08

eyes : Wear safety goggles.

### 9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

**Apperance : physical state :** paste  
**colour :** white  
**odour :** Odourless  
**Boiling point/range :** >250 °C  
**Relative density :** 2.04 (@ 20°C)  
**pH :** not available  
**Vapour pressure :** not available  
**Relative vapour density :** not available  
**Solubility in water :** Insoluble in water  
**Flash point :** 230 °C (Closed Cup)  
**Auto-ignition :** 425 °C  
**Viscosity :** not available  
**Evaporation rate :** not available

### 10. STABILITY AND REACTIVITY

**Conditions to be avoided :** No hazardous reactions known if used for its intended purpose

### 11. TOXICOLOGICAL INFORMATION

**Inhalation :** Low hazard expected under normal conditions of use  
**Ingestion :** May cause gastrointestinal disturbances  
**Skin contact :** May cause irritation.  
**Eye contact :** Irritating to eyes

### 12. ECOLOGICAL INFORMATION

**Other adverse effects :** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities  
No experimental data available

### 13. WASTE DISPOSAL

**National regulations :** Disposal should be in accordance with local, state or national legislation



<b>Productname :</b>	SERVISOL HEAT SINK COMPOUND NON SILICONE	<b>Creationdate :</b>	12.01.09
<b>Ref.Nr.:</b>	UK20099-3-120109	<b>Replaces:</b>	27.10.08

#### 14. TRANSPORT

<b>UN-number :</b>	3077
<b>Road/Rail - ADR/RID :</b>	UN3077 Environmentally hazardous substance, solid, n.o.s., (zinc oxide, C7-C9 branched alkyl esters) Class : 9, PG : III, Class code : M7, Label : 9
<b>Sea - IMDG :</b>	UN3077 Environmentally hazardous substance, solid, n.o.s., (zinc oxide, C7-C9 branched alkyl esters) Class : 9, PG : III
<b>EmS</b>	F-A, S-F
<b>Air - IATA/ICAO :</b>	UN3077 Environmentally hazardous substance, solid, n.o.s., (zinc oxide, C7-C9 branched alkyl esters) Class : 9, PG : III, Label : RMD
<b>Packing instr. LQ</b>	Y911
<b>PAX</b>	911
<b>CAO</b>	911

#### 15. REGULATORY INFORMATION

<b>Warning symbol(s) :</b>	N
<b>Risk-phrase(s) :</b>	R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Safety-phrase(s) :</b>	S2: Keep out of the reach of children. S57: Use appropriate container to avoid environmental contamination. S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

#### 16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.

**REVISIONS IN CHAPTRE :** 8

**\*Explanation risk-phrases:**  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



<b>Productname :</b>	SERVISOL HEAT SINK COMPOUND NON SILICONE	<b>Creationdate :</b>	12.01.09
<b>Ref.Nr.:</b>	UK20099-3-120109	<b>Replaces:</b>	27.10.08

---

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : [www.crcind.com](http://www.crcind.com). We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

